## **REMARKS**

Claims 18-31 are pending in this application. By this Amendment, claims 1-17 are canceled without prejudice to or disclaimer of the subject matter contained therein, and claims 18-31 are added. No new matter has been added. Reconsideration is respectfully requested in view of the following remarks.

## I. Acknowledgment of Information Disclosure Statement

An Information Disclosure Statement with Form PTO-1449 was filed in the above-captioned patent application on August 27, 2003. Applicant received a copy of the initialed Form PTO-1449 which does not acknowledge the "other documents." Accordingly, The Examiner is requested to initial and return to the undersigned a copy of the Form PTO-1449 that includes the "other documents." For the convenience of the Examiner, a copy of that form is attached.

## II. Double Patenting Rejection

The Office Action rejects claims 1-17 under the judicially created doctrine of obviousness-type double patenting over claims 1-17 of U.S. Patent No. 6,650,462 (hereinafter "the 462 patent"). The rejection is respectfully traversed.

In particular, claims 1-17 are canceled and thus, the rejection with respect to these claims is now moot.

Regarding new claims 18-31, independent claims 18, 22, 26 and 31 define patentable subject matter. Claims 19, 20-21, 23-25 and 27-30 depend from the respective independent claims, and therefore also define patentable subject matter. Accordingly, withdrawal of the rejection under the judicially created doctrine of obviousness-type double patenting is respectfully requested.

Application No. 10/648,519

## III. Conclusion

In view of the foregoing, it is respectfully submitted that this application is in condition for allowance. Favorable reconsideration and prompt allowance of claims 18-31 are earnestly solicited.

Should the Examiner believe that anything further would be desirable in order to place this application in even better condition for allowance, the Examiner is invited to contact the undersigned at the telephone number set forth below.

Respectfully submitted,

James A. Ofiff

Registration No. 27,075

Yong S. Choi

Registration No. 43,324

JAO:YSC/jam

Attachment:

Form PTO-1449 dated August 27, 2003

Date: October 14, 2004

OLIFF & BERRIDGE, PLC P.O. Box 19928 Alexandria, Virginia 22320 Telephone: (703) 836-6400 DEPOSIT ACCOUNT USE
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Form PTO-1449  (REV. 8-83)  US Dept. of Commerce PATENT & TRADEMARK OFFICE  PETERORMATION DISCLOSURE STATEMENT		ATTY DOCKET NO. 109761.01			RULE 1.53(b) DIVISIONAL OF APPLICATION NO. 09/884,093					
(Use several sheets if necessary)			APPLICANT(S) Makoto KATASE							
TO COEMPTE			FILING DATE August 27, 2003		C	GROUP				
U.S. PATENT DOCUMENTS										
EXAMINER INITIAL	DOCUMENT NUMBER	DATE		NAME		CLASS	SUB CLASS			
1	3,668,106	06/06/1972		ОТА			_			
2	6,177,921 B1	01/23/2001		COMISKEY et al.		345	107			
3	6,369,792 B1	04/09/2002		KIKINIS		345	107			
4	2002/0141801 A1	10/03/2002		SHIMODA et al.		400	76			
	FOREIC	ON PA	TENT DO	L CUMENTS						
SUB										
5	DOCUMENT NUMBER	DATE		COUNTRY		CLASS	CLASS			
	JP 49-32038	08/27/1974		Japan						
6	JP 50-15115	06/0	2/1975	Japan						
	OTHER DOCUMENTS (Inc	ludin	a Author '	Field Date Bestiment Barre	4- \					
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Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.										

Date: August 27, 2003